

REMARKS

Claims 1-10 have been canceled, and new Claims 11-17 have been added. Reconsideration is respectfully requested.

The specification has been amended to provide the serial numbers of the referenced co-pending applications.

New Claims 11-13 recite:

"instead of transmitting a corresponding said first number of packets, transmitting a compressed representation of the corresponding said first number of packets, wherein said compressed representation is formatted within a second number of said packets and contains an indication of said same logic level and an indication of said preselected number, and wherein said second number of packets is less than said first number of packets."

New Claims 14 and 15 recite:

"a second storage portion coupled to said input for storing a first representation of said same logic level when all of said preselected consecutive number of logic signals have said same logic level, and said second storage portion further storing a second representation of a multiple of said preselected number, said second storage portion ... transferring said first and second representations formatted within a second number of said packets that is less than said first number of packets."

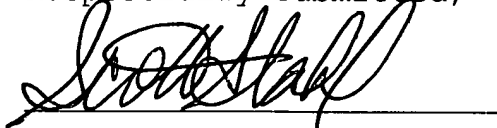
New Claims 16 and 17 recite:

"said second mode of operation generating a compressed timing trace output for transmission to the host processor instead of one of said timing trace streams if said one timing trace stream would have contained only logic signals having a same logic level, said compressed timing trace output including a first representation of said same logic level and a second representation of a number of said logic signals that said one trace timing stream would have contained, and said compressed timing trace output requiring less transmission bandwidth than said one timing trace stream."

None of the features quoted above from Claims 11-17 have been found in the references of record, whether considered individually or in combination.

Applicants submit that Claims 11-17 distinguish patentably over the references of record for at least the exemplary reasons given above. Further and favorable consideration is respectfully requested.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Scott Stahl", is written over a horizontal line.

Scott B. Stahl

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